FS 2.60/9:13/13

Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER 634-5131

For release April 3, 1964 ATLANTA, GEORGIA 30333 Vol. 13, No. 13

UNIVERSITY OF CALIFORNIA LIBRARIES APR 1964

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 28, 1964

INFLUENZA

Pneumonia and influenza deaths in 12 reporting cities in the Pacific Coast region declined slightly during the past week from a peak level of 90 deaths reached during the week ended March 21. (See graph, p. 110). This figure however, has remained above the epidemic threshold for the past 6 consecutive weeks. Pneumonia and influenza deaths in 108 cities representing the country as a whole were below threshold during the past week. Regions other than the Pacific Coast have shown no sustained elevations.

California

An elevated incidence of influenza-like disease is currently being observed in many widely separated areas in the State. While the sharp, community wide outbreaks which have characterized recent epidemics in Washington and Oregon have not been noted in California, there has been a distinct increase in the number of cases seen in recent weeks, accompanied in some communities by significant increases in school absenteeism. The number of serologically confirmed cases of influenza A_2 has risen sharply during the past several weeks (see MMWR, Vol. 13, p. 101) as have pneumonia and influenza deaths in 8 reporting cities.

(Please turn the page)

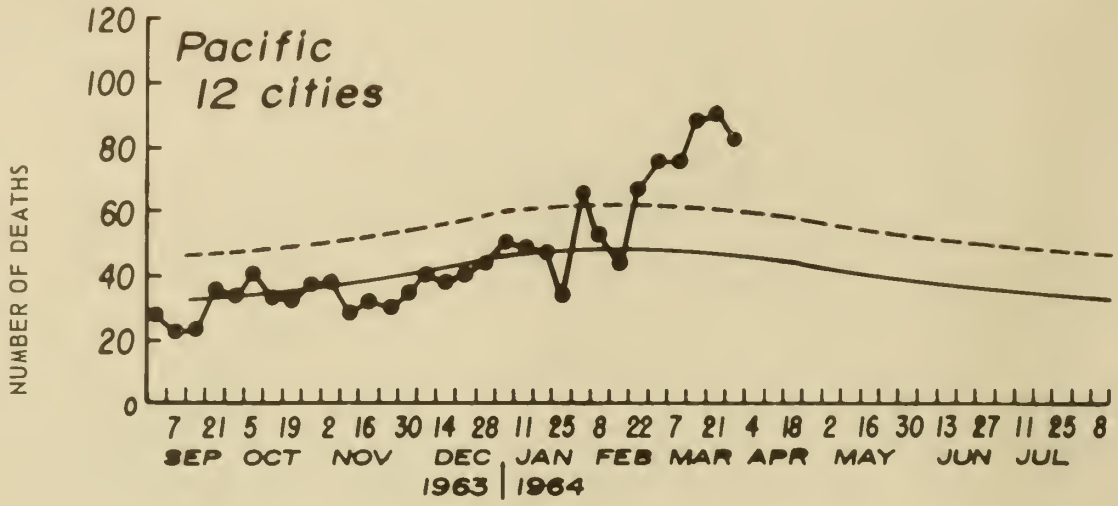
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

Disease	13th Week Ended			Cumulative, First 13 Weeks		
	March 28, 1964	March 30 1963	Median 1959 - 1963	1964	1963	Median 1959 - 1963
Aseptic meningitis	30	15	---	342	283	---
Brucellosis	6	1	11	90	77	134
Diphtheria	2	4	6	46	85	201
Encephalitis, primary infectious	37	]39	---	400	]310	---
Encephalitis, post-infectious	19		---	143		---
Hepatitis, infectious including serum hepatitis	821	845	845	12,104	13,805	13,805
Measles	14,621	15,679	15,679	122,667	144,796	151,176
Meningococcal infections	64	69	54	744	760	739
Poliomyelitis, Total	-	1	4	16	38	103
Paralytic	-	1	4	13	33	60
Nonparalytic	-	-	---	3	2	---
Unspecified	-	-	---	-	3	---
Streptococcal Sore Throat and Scarlet fever	11,668	9,700	---	139,295	129,780	---
Tetanus	1	1	---	45	43	---
Tularemia	2	3	---	70	51	---
Typhoid fever	6	5	5	81	79	113
Rabies in Animals	105	72	74	1,033	857	1,011

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Psittacosis: Ohio - 1, Calif - 1	12
Botulism:	6	Rabies in Man:	-
Leptospirosis: Ore. - 1	6	Smallpox:	-
Malaria: N.Y. City - 2, Pa. - 1, Calif - 1	25	Typhus-	
Plague:	-	Murine:	2
		Rky Mt. Spotted:	3



-- Epidemic Threshold
— "Expected" Number

Among the areas involved were San Joaquin and San Mateo Counties where absenteeism reached levels of 20-25 percent in some schools during early and mid-March. In the latter county, high school students appeared to be more severely affected than those of elementary school age. During the same period, Butte and Merced Counties witnessed a distinct increase in the incidence of flu-like disease, accompanied by elevated school and industrial absenteeism in the latter county.

Overall absenteeism in 9 school jurisdictions in which continuous surveillance is maintained rose moderately in early March and reached a mean level of about 10 percent for the week ended March 14.

WEEKLY PNEUMONIA AND INFLUENZA DEATHS IN EIGHT CALIFORNIA CITIES

Week ending	Observed	Expected	Percent Excess
March 7	58	35	65
March 14	67	34	96
March 21	76	34	124
March 28	74	34	118
Four week total	275	137	101
Four week mean	69	34	103

Pneumonia-influenza deaths in 8 reporting cities first exceeded the expected level in mid-February and have continued to rise since then. Reported deaths during the past 4 weeks compared with the expected incidence (mean for the period 1958-63) are given in the table above.

(Reported by Philip K. Condit, M.D., Chief, Bureau of Communicable Disease, State Department of Health, Berkeley, California).

Oregon

A total of 3,515 cases of influenza-like disease were reported to State health officials in Portland during the past week, as compared to 4,224 cases during the previous week. This represents the first interval in which a decline in case reports was noted since the current epidemic began in mid-February. Influenza A_2 has been confirmed serologically as the etiologic agent in 3 additional cases during the past week, bringing to 11 the total number of laboratory confirmed cases.

(Reported by Dr. Grant Skinner, Director, Epidemiology Section, State Board of Health, Portland, Oregon).

RABIES – Canal Zone

The first case of canine rabies to be reported in the Canal Zone since 1910 occurred in Balboa in August 1963. A 10-year-old male dog died 30 days following inoculation with chick embryo rabies vaccine. The dog had been vaccinated 3 years previously. The diagnosis was established both by fluorescein antibody and mouse inoculation tests.

The dog had resided in the Canal Zone all its life-he had never traveled outside the Zone.

The mode of transmission remains in doubt. Six months earlier, a bat found near the dog's home, had been proved rabid. It cannot be determined whether the dog was bitten by some unidentified rabid animal or whether the disease was due to vaccine virus infection.

(Reported by Dr. Robert G. Matheney, Chief, Division of Veterinary Medicine, Canal Zone Department of Health.)

TULAREMIA – New York

Tularemia was diagnosed retrospectively in a 51-year old Suffolk County man who skinned and ate a rabbit which his dog had killed and brought home in early November.

Three days after the skinning, the patient experienced chills and fever; four days later a pustule developed between his fingers, but was not noticed by his physician. Tetracycline was given and the patient appeared improved. About 2 weeks later, an axillary lymph node became tender and a pulmonary infiltrate was seen on X-ray. Culture of the node was negative for tuberculosis. The diagnosis remained in doubt.

Five weeks after onset, the patient mentioned the pustule to the physician, who then suspected tularemia. The agglutination titer was 1/640.

(Reported by Max Backer, M.D., Suffolk County Health Department and Robert M. Albrecht, M.D., Director, Office of Epidemiology, New York State Health Department.)

ANTHRAX – Arkansas

The case of human anthrax, reported in Arkansas for the week ended February 29, involved a 23-year-old white male dairy farm worker.

The patient began working on the farm January 27 at a variety of chores including milking and preparing feed for the cows. His work resulted in multiple and frequent minor skin abrasions on both hands. He denied contact with sick or dead animals.

A small papule and vesicle, painless but itchy, developed between the thumb and first finger of his left hand on February 17. During the next 3 days, 3 additional lesions appeared on his left hand and 4 on his right hand. Bilateral tender axillary lymphadenopathy was noted. On February 26, when he had a temperature of 99.2°F, he received 600,000 units of penicillin, which was repeated the following day. He became afebrile, and on February 28 each cutaneous lesion had developed into a black eschar; axillary lymphadenopathy diminished.

Cultures of the lesion, taken after administration of penicillin proved negative for *Bacillus anthracis*. The diagnosis was made on clinical impression. This area of the State is not known as an animal anthrax area.

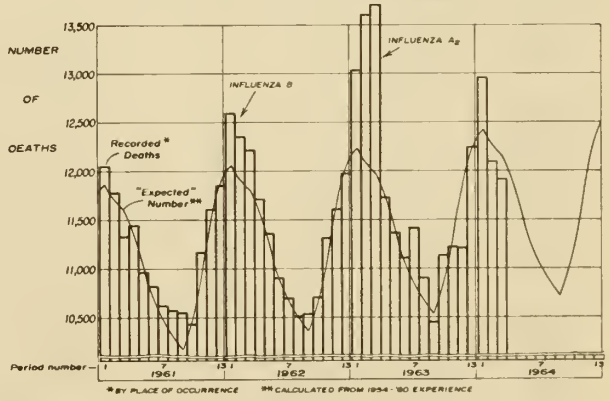
(Reported by L. J. Strickland, M.D.; W. M. Taegel, D.V.M., and William J. Hatley, Little Rock City Health Department; Dora Pickard, P.H.N., and Mrs. May Ferguson, P.H.N., Lonoke County Health Department; Harvie R. Ellis, D.V.M., Director, Division of Veterinary Public Health, William L. Bunch, Jr., M.D., Director, Communicable Disease Control, and J. T. Herron, M.D., State Health Officer, Arkansas State Board of Health.)

TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending March 28 was 11,912 as compared with an expected weekly average of 12,151

	Week Ending					
	3/7	3/14	3/21	3/28	4 Week Total	Weekly Average
Observed	12,223	12,052	11,949	11,425	47,649	11,912
Expected	12,217	12,179	12,132	12,076	48,604	12,151
Excess	6	-127	-183	-651	-955	-239

TOTAL DEATHS RECORDED IN 108 U.S. CITIES
Average Number per Week by Four-Week Periods



(See table, page 115)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
MARCH 28, 1964 AND MARCH 30, 1963 (13th WEEK)

Area	Aseptic Meningitis		Encephalitis Primary	Encephalitis Post-Inf.	Poliomyelitis, Total Cases		Poliomyelitis, Total Cases Cumulative		Poliomyelitis, Paralytic		Poliomyelitis, Paralytic Cumulative	
	1964	1963	1964	1964	1964	1963	1964	1963	1964	1963	1964	1963
UNITED STATES...	30	15	37	19	-	1	16	38	-	1	13	33
NEW ENGLAND.....	2	1	-	1	-	-	-	-	-	-	-	-
Maine.....	1	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	1	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	1	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	3	3	18	3	-	-	4	5	-	-	4	5
New York City.....	-	-	6	-	-	-	1	-	-	-	1	-
New York, Up-State.	1	1	7	2	-	-	2	4	-	-	2	4
New Jersey.....	-	-	4	-	-	-	1	-	-	-	1	-
Pennsylvania.....	2	2	1	1	-	-	-	1	-	-	-	1
EAST NORTH CENTRAL...	5	2	7	7	-	-	1	9	-	-	1	7
Ohio.....	1	-	2	-	-	-	-	2	-	-	-	1
Indiana.....	1	-	-	-	-	-	-	-	-	-	-	-
Illinois.....	2	1	3	4	-	-	1	5	-	-	1	4
Michigan.....	1	1	2	3	-	-	-	2	-	-	-	2
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	1	-	1	-	-	-	-	1	-	-	-	1
Minnesota.....	1	-	1	-	-	-	-	1	-	-	-	1
Iowa.....	-	-	-	-	-	-	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	2	1	3	1	-	-	9	3	-	-	6	2
Delaware.....	1	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	2	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	1	-	-	-	-	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	-	-	-	-	4	2	-	-	1	2
South Carolina.....	1	-	-	-	-	-	1	-	-	-	1	-
Georgia.....	-	-	-	-	-	-	1	1	-	-	1	-
Florida.....	-	1	1	-	-	-	3	-	-	-	3	-
EAST SOUTH CENTRAL...	4	2	-	2	-	-	-	2	-	-	-	1
Kentucky.....	3	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	1	-	2	-	-	-	-	-	-	-	-
Alabama.....	-	1	-	-	-	-	-	2	-	-	-	1
Mississippi.....	1	-	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL...	3	-	-	-	-	-	-	9	-	-	-	9
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	-	-	8	-	-	-	8
Oklahoma.....	1	-	-	-	-	-	-	-	-	-	-	-
Texas.....	2	-	-	-	-	-	-	1	-	-	-	1
MOUNTAIN.....	3	-	-	-	-	-	1	1	-	-	1	1
Montana.....	-	-	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	1	-	-	-	1
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	3	-	-	-	-	-	1	-	-	-	1	-
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-		-	-	-	-	-	-	-	-	-
PACIFIC.....	7	6	8	5	-	1	1	8	-	1	1	7
Washington.....	-	1	2	-	-	-	-	1	-	-	-	1
Oregon.....	-	-	1	-	-	-	-	1	-	-	-	1
California.....	7	5	5	5	-	1	1	6	-	1	1	5
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	2	-	-	-	2

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MARCH 28, 1964 AND MARCH 30, 1963 (13th WEEK) - Continued

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
		Cum.		Cum.	Total	Under 20 years	20 years and over	Age Unknown	Cumulative			Cum.
	1964	1964	1964	1964	1964	1964	1964	1964	1964	1963	1964	1964
UNITED STATES...	6	90	2	46	821	388	391	42	12,104	13,805	6	81
NEW ENGLAND.....	-	-	-	1	83	41	39	3	1,381	1,741	-	6
Maine.....	-	-	-	-	27	15	12	-	493	807	-	-
New Hampshire.....	-	-	-	-	1	1	-	-	118	116	-	-
Vermont.....	-	-	-	-	12	6	5	1	171	23	-	-
Massachusetts.....	-	-	-	1	22	10	11	1	263	516	-	3
Rhode Island.....	-	-	-	-	4	2	1	1	60	41	-	3
Connecticut.....	-	-	-	-	17	7	10	-	276	238	-	-
MIDDLE ATLANTIC.....	1	2	-	4	205	105	100	-	2,712	2,704	-	11
New York City.....	-	-	-	1	19	5	14	-	382	308	-	2
New York, Up-State.	1	1	-	-	89	60	29	-	1,232	1,234	-	3
New Jersey.....	-	-	-	2	70	27	43	-	470	424	-	-
Pennsylvania.....	-	1	-	1	27	13	14	-	628	738	-	6
EAST NORTH CENTRAL...	-	13	-	6	130	54	70	6	1,794	2,189	2	18
Ohio.....	-	-	-	-	25	8	16	1	482	653	1	14
Indiana.....	-	1	-	-	6	3	3	-	143	192	-	2
Illinois.....	-	10	-	6	23	8	14	1	281	455	1	2
Michigan.....	-	-	-	-	70	34	36	-	793	771	-	-
Wisconsin.....	-	2	-	-	6	1	1	4	95	118	-	-
WEST NORTH CENTRAL...	4	49	-	8	23	15	3	5	738	592	-	9
Minnesota.....	-	2	-	1	-	-	-	-	52	107	-	-
Iowa.....	4	25	-	-	2	1	1	-	108	96	-	3
Missouri.....	-	4	-	-	7	6	1	-	186	254	-	2
North Dakota.....	-	1	-	-	-	-	-	-	32	11	-	-
South Dakota.....	-	8	-	-	3	2	1	-	81	15	-	1
Nebraska.....	-	8	-	-	1	-	-	1	18	43	-	-
Kansas.....	-	1	-	7	10	6	-	4	261	66	-	3
SOUTH ATLANTIC.....	-	6	1	11	93	47	42	4	1,176	1,487	2	18
Delaware.....	-	-	-	-	10	2	8	-	24	23	-	-
Maryland.....	-	-	-	-	24	18	6	-	220	163	-	-
Dist. of Columbia..	-	-	-	-	3	-	-	3	25	57	-	-
Virginia.....	-	2	-	-	11	3	7	1	173	331	2	4
West Virginia.....	-	-	-	-	9	6	3	-	213	219	-	-
North Carolina.....	-	1	-	-	8	6	2	-	212	397	-	9
South Carolina.....	-	-	-	3	1	-	1	-	37	66	-	1
Georgia.....	-	2	1	6	2	1	1	-	26	53	-	-
Florida.....	-	1	-	2	25	11	14	-	246	178	-	4
EAST SOUTH CENTRAL...	-	3	-	4	53	28	24	1	814	1,394	1	10
Kentucky.....	-	-	-	-	13	2	10	1	356	422	1	5
Tennessee.....	-	-	-	1	28	15	13	-	282	523	-	4
Alabama.....	-	2	-	2	6	5	1	-	113	218	-	1
Mississippi.....	-	1	-	1	6	6	-	-	63	231	-	-
WEST SOUTH CENTRAL...	-	4	-	6	63	44	16	3	862	907	1	5
Arkansas.....	-	1	-	-	7	6	1	-	106	115	1	2
Louisiana.....	-	1	-	2	14	12	2	-	164	151	-	-
Oklahoma.....	-	1	-	-	4	3	1	-	51	54	-	3
Texas.....	-	1	-	4	38	23	12	3	541	587	-	-
MOUNTAIN.....	-	7	1	1	46	13	13	20	810	1,015	-	-
Montana.....	-	-	-	-	7	4	2	1	73	161	-	-
Idaho.....	-	-	-	-	4	-	-	4	62	151	-	-
Wyoming.....	-	-	-	-	1	1	-	-	32	10	-	-
Colorado.....	-	-	-	-	16	5	8	3	236	220	-	-
New Mexico.....	-	1	1	1	2	1	1	-	135	123	-	-
Arizona.....	-	1	-	-	11	-	-	11	173	225	-	-
Utah.....	-	5	-	-	4	2	2	-	75	116	-	-
Nevada.....	-	-	-	-	1	-	-	1	24	9	-	-
PACIFIC.....	1	6	-	5	125	41	84	-	1,817	1,776	-	4
Washington.....	-	-	-	5	9	3	6	-	188	284	-	-
Oregon.....	1	1	-	-	13	5	8	-	189	265	-	-
California.....	-	5	-	-	100	33	67	-	1,339	1,177	-	4
Alaska.....	-	-	-	-	1	-	1	-	57	41	-	-
Hawaii.....	-	-	-	-	2	-	2	-	44	9	-	-
Puerto Rico	-	-	-	3	9	-	-	9	144	156	-	5

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MARCH 28, 1964 AND MARCH 30, 1963 (13th WEEK) - Continued

Area	Measles	Meningococcal Meningitis			Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals	
			Cumulative					Cum.		Cum.		Cum.
	1964	1964	1964	1963	1964	1963	1964	1964	1964	1964	1964	1964
UNITED STATES...	14,621	64	744	760	11,668	9,700	1	45	2	70	105	1,033
NEW ENGLAND.....	519	4	25	53	1,133	1,243	-	-	-	-	1	2
Maine.....	94	-	2	9	132	61	-	-	-	-	-	-
New Hampshire.....	7	-	-	2	2	8	-	-	-	-	-	1
Vermont.....	56	-	-	1	38	11	-	-	-	-	1	1
Massachusetts.....	184	3	13	23	187	183	-	-	-	-	-	-
Rhode Island.....	60	-	2	6	85	114	-	-	-	-	-	-
Connecticut.....	118	1	8	12	689	866	-	-	-	-	-	-
MIDDLE ATLANTIC.....	2,377	4	72	101	700	618	1	1	-	-	-	20
New York City.....	625	-	10	12	35	63	-	-	-	-	-	-
New York, Up-State.	590	3	28	33	500	292	-	-	-	-	-	19
New Jersey.....	619	-	14	16	129	184	-	-	-	-	-	-
Pennsylvania.....	543	1	20	40	36	79	1	1	-	-	-	1
EAST NORTH CENTRAL...	4,215	13	124	132	1,956	1,258	-	5	-	7	10	97
Ohio.....	808	4	40	35	367	232	-	1	-	1	4	48
Indiana.....	985	3	19	17	165	159	-	1	-	-	-	7
Illinois.....	565	3	27	22	258	173	-	2	-	4	3	15
Michigan.....	1,121	2	31	40	824	413	-	1	-	1	2	11
Wisconsin.....	736	1	7	18	342	281	-	-	-	1	1	16
WEST NORTH CENTRAL...	926	2	37	44	461	216	-	2	-	21	38	328
Minnesota.....	3	-	8	9	59	27	-	-	-	1	8	95
Iowa.....	316	-	2	2	92	86	-	-	-	1	17	112
Missouri.....	79	-	17	19	46	4	-	2	-	13	6	68
North Dakota.....	215	-	3	1	148	96	-	-	-	-	1	16
South Dakota.....	-	-	-	3	-	-	-	-	-	-	6	24
Nebraska.....	313	1	2	9	-	-	-	-	-	-	-	8
Kansas.....	NN	1	5	1	116	3	-	-	-	6	-	5
SOUTH ATLANTIC.....	1,442	12	169	162	779	814	-	17	2	12	13	180
Delaware.....	21	-	2	1	20	10	-	-	-	-	-	-
Maryland.....	145	1	13	25	73	36	-	1	-	-	-	-
Dist. of Columbia..	27	1	5	3	11	5	-	-	-	-	-	-
Virginia.....	467	1	14	37	235	268	-	1	-	3	9	130
West Virginia.....	249	-	13	9	202	195	-	-	-	-	-	7
North Carolina.....	36	4	30	24	16	45	-	7	2	3	-	2
South Carolina.....	208	1	19	11	60	129	-	2	-	-	-	-
Georgia.....	2	1	15	10	7	1	-	-	-	6	2	18
Florida.....	287	3	58	42	155	125	-	6	-	-	2	23
EAST SOUTH CENTRAL...	2,125	7	63	53	2,247	1,446	-	6	-	16	13	163
Kentucky.....	683	-	11	17	498	245	-	-	-	1	3	23
Tennessee.....	1,192	3	28	25	1,646	1,118	-	3	-	11	9	136
Alabama.....	114	3	13	7	20	24	-	3	-	3	1	4
Mississippi.....	136	1	11	4	83	59	-	-	-	1	-	-
WEST SOUTH CENTRAL...	84	9	62	84	1,374	794	-	7	-	10	16	163
Arkansas.....	54	-	4	5	4	2	-	1	-	1	2	40
Louisiana.....	1	9	55	36	12	1	-	3	-	-	4	19
Oklahoma.....	29	-	3	15	93	18	-	-	-	9	-	14
Texas.....	-	-	-	28	1,265	773	-	3	-	-	10	90
MOUNTAIN.....	727	2	34	25	1,620	1,816	-	2	-	4	7	44
Montana.....	71	-	-	-	60	65	-	-	-	1	-	-
Idaho.....	125	-	1	-	177	185	-	-	-	-	-	-
Wyoming.....	5	-	1	1	33	24	-	1	-	1	-	-
Colorado.....	85	-	7	6	674	709	-	-	-	-	-	-
New Mexico.....	1	-	16	2	307	422	-	1	-	-	3	23
Arizona.....	390	-	2	5	151	194	-	-	-	-	4	21
Utah.....	46	-	1	10	210	215	-	-	-	2	-	-
Nevada.....	4	2	6	1	8	2	-	-	-	-	-	-
PACIFIC.....	2,206	11	158	106	1,398	1,495	-	5	-	-	7	36
Washington.....	680	1	14	11	449	500	-	-	-	-	-	-
Oregon.....	323	2	7	5	39	23	-	-	-	-	-	-
California.....	1,166	6	128	85	850	899	-	5	-	-	7	36
Alaska.....	30	2	5	4	23	69	-	-	-	-	-	-
Hawaii.....	7	-	4	1	37	4	-	-	-	-	-	-
Puerto Rico	87	-	8	-	27	9	-	16	-	-	1	3

Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	3/7	3/14	3/21	3/28
NEW ENGLAND:				
Boston, Mass.	274	254	274	194
Bridgeport, Conn.	42	39	50	49
Cambridge, Mass.	31	25	27	20
Fall River, Mass.	28	29	33	29
Hartford, Conn.	46	51	53	44
Lowell, Mass.	29	29	20	31
Lynn, Mass.	22	33	28	21
New Bedford, Mass.	26	29	22	31
New Haven, Conn.	43	44	54	42
Providence, R.I.	67	66	54	65
Somerville, Mass.	12	11	17	12
Springfield, Mass.	43	51	47	44
Waterbury, Conn.	24	21	25	21
Worcester, Mass.	61	64	54	47
MIDDLE ATLANTIC:				
Albany, N.Y.	46	36	71	44
Allentown, Pa.	28	33	38	29
Buffalo, N.Y.	150	161	152	140
Camden, N.J.	45	52	42	37
Elizabeth, N.J.	41	20	23	21
Erie, Pa.	49	38	41	49
Jersey City, N.J.	81	70	80	61
Newark, N.J.	98	101	97	116
New York City, N.Y.	1,801	1,757	1,726	1,643
Paterson, N.J.	45	32	37	26
Philadelphia, Pa.	537	585	508	396
Pittsburgh, Pa.	184	185	201	184
Reading, Pa.	57	46	42	50
Rochester, N.Y.	102	110	112	93
Schenectady, N.Y.	19	25	25	29
Scranton, Pa.	48	54	37	39
Syracuse, N.Y.	64	65	56	50
Trenton, N.J.	27	54	45	42
Utica, N.Y.	31	31	27	29
Yonkers, N.Y.	27	22	34	31
EAST NORTH CENTRAL:				
Akron, Ohio	71	67	50	55
Canton, Ohio	49	40	29	37
Chicago, Ill.	800	755	701	677
Cincinnati, Ohio	167	172	164	174
Cleveland, Ohio	256	190	205	210
Columbus, Ohio	137	107	120	109
Dayton, Ohio	86	97	79	97
Detroit, Mich.	361	336	321	373
Evansville, Ind.	32	36	41	32
Flint, Mich.	56	46	48	46
Fort Wayne, Ind.	32	39	35	24
Gary, Ind.	26	36	20	24
Grand Rapids, Mich.	50	58	52	46
Indianapolis, Ind.	141	148	154	152
Madison, Wis.	30	32	46	24
Milwaukee, Wis.	114	155	126	110
Peoria, Ill.	27	39	23	27
Rockford, Ill.	28	32	21	31
South Bend, Ind.	43	34	53	24
Toledo, Ohio	113	89	85	105
Youngstown, Ohio	54	46	58	46
WEST NORTH CENTRAL:				
Des Moines, Iowa	56	59	81	50
Duluth, Minn.	26	24	33	21
Kansas City, Kans.	44	34	55	41*
Kansas City, Mo.	137	121	118	132
Lincoln, Nebr.	35	25	29	24
Minneapolis, Minn.	124	116	134	120
Omaha, Nebr.	86	86	67	78
St. Louis, Mo.	239	241	262	267
St. Paul, Minn.	68	72	71	68
Wichita, Kans.	66	60	64	44
SOUTH ATLANTIC:				
Atlanta, Ga.	119	151	130	123
Baltimore, Md.	277	270	238	237
Charlotte, N.C.	58	41	38	39*
Jacksonville, Fla.	96	67	64	68
Miami, Fla.	95	88	88	84
Norfolk, Va.	68	55	48	58
Richmond, Va.	93	94	96	85
Savannah, Ga.	53	40	32	35
St. Petersburg, Fla.	95	87	85	83
Tampa, Fla.	74	61	83	87
Washington, D.C.	220	190	220	198
Wilmington, Del.	34	40	40	26
EAST SOUTH CENTRAL:				
Birmingham, Ala.	112	100	97	85
Chattanooga, Tenn.	59	45	44	60
Knoxville, Tenn.	42	30	47	30
Louisville, Ky.	112	145	119	126
Memphis, Tenn.	137	142	129	113
Mobile, Ala.	48	53	36	51
Montgomery, Ala.	36	27	34	33
Nashville, Tenn.	104	86	101	90
WEST SOUTH CENTRAL:				
Austin, Tex.	39	28	55	36
Baton Rouge, La.	16	33	30	30
Corpus Christi, Tex.	34	20	22	22
Dallas, Tex.	145	124	136	126
El Paso, Tex.	51	29	49	27
Fort Worth, Tex.	51	68	70	71
Houston, Tex.	174	184	187	183
Little Rock, Ark.	43	62	50	59
New Orleans, La.	189	169	197	189
Oklahoma City, Okla.	90	74	69	68
San Antonio, Tex.	124	103	113	82
Shreveport, La.	72	47	59	58
Tulsa, Okla.	78	62	26	59
MOUNTAIN:				
Albuquerque, N. Mex.	42	42	30	38
Colorado Springs, Colo.	23	16	20	26
Denver, Colo.	124	126	115	118
Ogden, Utah	16	21	15	13
Phoenix, Ariz.	93	104	118	119
Pueblo, Colo.	16	15	27	20
Salt Lake City, Utah	49	59	56	57
Tucson, Ariz.	50	45	43	58
PACIFIC:				
Berkeley, Calif.	21	18	25	19
Fresno, Calif.	49	29	49	41
Glendale, Calif.	46	53	24	35
Honolulu, Hawaii	39	37	40	29
Long Beach, Calif.	74	74	74	74
Los Angeles, Calif.	533	593	593	584
Oakland, Calif.	78	135	103	112
Pasadena, Calif.	29	29	38	29
Portland, Oreg.	106	154	94	121
Sacramento, Calif.	70	79	78	94
San Diego, Calif.	103	100	98	104*
San Francisco, Calif.	210	223	251	218
San Jose, Calif.	51	55	46	54
Seattle, Wash.	153	144	156	167
Spokane, Wash.	59	59	50	62
Tacoma, Wash.	50	38	50	51
San Juan, P.R.	17	27	28	(---)

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	11,425
4(B) Pneumonia-Influenza Deaths, all ages	479
4(C) Total Deaths under 1 Year of Age	712
4(D) Total Deaths, Persons 65 years and over	6,449

NOTE: All deaths by place of occurrence.

UNIVERSITY OF FLORIDA
3 1262 08864 3175

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel

1963-64 edition Public Health Service Publication No. 384

Please make the following change in the list of Yellow Fever Vaccination Centers in Section 6:

Delete:

City:	San Pedro, California
Center:	San Pedro Outpatient Clinic 825 South Beacon Street Telephone TE 2-0213
Clinic Hours:	Monday – Friday, 1-3 p.m.
Fee:	No

Insert:

City:	San Pedro, California
Center:	U.S. Public Health Service Outpatient Clinic
Clinic Hours:	Monday – Friday, 1-3 p.m.
Fee:	No

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

Page 77

City:	Houston, Texas
Center:	The Methodist Hospital Texas Medical Center
Clinic Hours:	Monday through Friday, 8:00 a.m. – 4:00 p.m. By appointment
Fee:	Yes

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor
Morbidity and Mortality Weekly Report
Communicable Disease Center
Atlanta, Georgia 30333

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.
Symbols: --- Data not available
· Quantity zero
Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta, Georgia 30333.

UNIV OF FL LIB.
DOCUMENTS DEPT
U.S. DEPOSITORY

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta, Georgia 30333

Official Business

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.

The Morbidity and Mortality Weekly Report, with a circulation of 10,800 is published by the Communicable Disease Center, Atlanta, Georgia.

Chief, Communicable Disease Center	*James L. Goddard, M.D.*
Chief, Epidemiology Branch	*A. D. Langmuir, M.D.*
Chief, Statistics Section	*R. E. Serfling, Ph.D.*
Asst. Chief, Statistics Section	*I. L. Sherman, M.S.*
Chief, Surveillance Section	*D. A. Henderson, M.D.*
Editor, MMWR	*L. K. Altman, M.D.*